

IN THE CLAIMS:

1. (Previously Presented) A bonding apparatus comprising a bonding part which bonds together a plurality of substrates coated with an adhesive agent, and a curing part which cures the adhesive agent of the substrates that have been bonded together, characterized in that

the bonding apparatus has conveying means which conveys the substrates from
5 the bonding part to the curing part, and

the conveying means has a standing part which allows the bonded substrates to stand at room temperature in the atmosphere while conveying the plurality of substrates following bonding.

2. (Original) The bonding apparatus according to claim 1, characterized in that the conveying means is a turntable which rotates while carrying a plurality of substrates.

3. (Original) The bonding apparatus according to claim 2, characterized in that a plurality of the turntables are provided.

4. (Original) The bonding apparatus according to claim 3, characterized in that the plurality of turntables include concentric small-diameter and large-diameter tables.

5.-6. (Cancelled)

7. (Original) The bonding apparatus according to claim 1, characterized in that the conveying means has an accommodating part which stacks and accommodates a plurality of substrates that are conveyed from the bonding part while conveying the substrates to the curing part.

8. (Previously Presented) The bonding apparatus according to claim 1, characterized in that the conveying means is formed so that no operation of shifting the substrates is performed in an interval extending from the bonding part to the curing part.

9. (Previously Presented) The bonding apparatus according to claim 1, characterized in that the conveying time in the standing part is set to be a time that is at least equal to the time required in order to correct warping of the substrates following bonding.

10.-14. (Cancelled)

15. (New) An apparatus for manufacturing optical recording disks including a pair of thin plastic substrates including a recording layer that are coated with an adhesive agent and bonded together, the improvement of annealing the optical recording disks comprising:

5 a rotatable conveying unit that receives the pair of plastic substrates with the adhesive agent between the pair of plastic substrates at a load position; and

means for rotating the conveying unit to position the pair of plastic substrates sequentially at

(1) a bonding position to enable application of a vacuum to the pair of plastic substrates for bonding;

10 (2) a pre-curing position to enable movement of the bonded pair of plastic substrates to prevent warping by relieving internal stress between the pair of plastic substrates;

(3) a curing position to enable an irradiation of ultraviolet light to the pre-cured bonded pair of plastic substrates;

15 (4) a post curing position to enable relief of any heat warping resulting from the curing by irradiation; and

 (5) an exit position for removal of the optical recording disk.

16. (New) The apparatus for manufacturing optical recording disks of claim 15 wherein the means for rotating maintains the bonded pair of plastic substrates at the pre-curing position for at least 15 seconds.

17. (New) The apparatus for manufacturing optical recording disks of Claim 16 wherein the rotatable conveying unit includes a turntable which rotates while carrying a plurality of plastic substrates.